

# Receiving Report

Date:

11/10/13

Batch No:

M119228

Supplier:

METALX CASTLE

Dart P/O:

15094

Packing Slip:

Yes

☒

No

☐

Invoice:

Yes

☐

No

☒

Receipt:

Cash

☐

Cr

☒

Release Note Attached:

Yes

☒

No

☐

N/A

Waybill Attached:

Yes

☐

No

☒

N/A

Shipment Complete:

Yes

☒

No

☐

N/A

QC6 Inspection

☒

N/A

Work Order

☐

N/A

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments

Initials of receiver (if shipment OK) Level 12

[Signature]

Production/Admin:

Date

Received/Costing

Initial

11/10/13  
[Signature]

Location

\_\_\_\_\_

RECEIVED OCT 20 2011

**Remit To**

A.M. CASTLE & CO. (CANADA) INC. - B9204  
P.O. BOX 9100  
TORONTO, ONTARIO M4Y 3A5  
CANADA

**INVOICE****Castle Metals®**

A. M. Castle &amp; Co

<b>Invoice No.</b>	20065617
<b>Invoice Date</b>	10/12/2011
<b>Account No.</b>	50676 DART AEROSPACE LTD

**Bill To**

DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**Ship To**

DART AEROSPACE LTD  
1270 ABERDEEN  
HAWKESBURY ON K6A 1K7  
CANADA

TERMS AND CONDITIONS OF SALE  
CUSTOMER NOTICE

DISCLAIMER OF WARRANTIES AND LIMITATIONS OF LIABILITY  
THERE ARE NO WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, INCLUDING ANY REGARDING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXCEPT AS EXPLICITLY STATED ON THE ACKNOWLEDGEMENT PROVIDED BY A.M. CASTLE & CO. OR ITS AFFILIATES ("CASTLE" HEREAFTER).  
LIABILITY FOR THE BREACH OF ANY WARRANTY IS LIMITED TO REPLACEMENT OF DEFECTIVE OR NONCONFORMING GOODS OR TO THE REFUND OF THE PURCHASE PRICE UPON RETURN OF THE GOODS TO CASTLE, AT THE OPTION OF CASTLE. CASTLE IS NOT LIABLE FOR ANY OTHER DIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING LOST PROFITS, EVEN IF CASTLE HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. CUSTOMER ASSUMES ALL RISKS AND LIABILITY FOR LOSS, DAMAGE OR INJURIES TO PERSONS OR PROPERTY OF CUSTOMER OR OTHERS ARISING OUT OF THE USE OR POSSESSION OF THE GOODS.  
Acceptance of your order by Castle is conditional upon your agreement to the terms and conditions. If you do not agree, all goods must be promptly returned to Castle, unused and unopened. Your acceptance of delivery of any part of the goods covered by this document will be deemed an agreement to the terms and conditions of sale which are contained on this document. Any inconsistent or additional terms or conditions which may be contained in your purchase order, confirmation, or other document, are objected to by Castle.

<b>Invoice No.</b>	20065617	<b>Payment Terms</b>	1% 10, NET 30	<b>Date Shipped</b>	10/12/2011
<b>Invoice Date</b>	10/12/2011	<b>Due Date</b>	11/11/2011	<b>Shipped Via</b>	CASTLE_NETWORK
<b>Discount on Material &amp; Labor</b>			12.20 Discount if paid by 10/22/2011	<b>Salesperson</b>	Desbiens, Marc

Shipment Description	Shipment Information	Shipped Quantity / Unit Price	Amount CAD
<b>Purchase Order #:</b>	<b>15084</b>		
<b>Order # - Line #:</b>	1752672-1	213.31 LBS	\$1,220.00 ✓
<b>Ordered:</b>	20 PCS 752241.MO	20.0000 PCS	
<b>Item Description:</b>	2.5000.PL.7075.T7351.ALUMINUM.USI.48.5000.144.5000	\$61.00 / PCS	
<b>Cutting Description:</b>	CUT 2SIDED TO 8.25 IN ( + .0310/- .0000 IN (GRAIN TO RUN ALONG 5")) X 5 IN ( + .0310/- .0000 IN (GRAIN TO RUN ALONG 5"))		
<b>Process Description:</b>	- ALUMINUM PLATE SAW		
<b>Customer Part Number:</b>	D6101-005		
<b>Heat Number(s):</b>	485646A4		
<b>Specification(s):</b>	QQ-A-250/12		

**Line Total:**

138353438 RT HST

13% Tax

\$1,220.00

**Taxes:****Invoice Total:**

158.60

\$158.60

\$1,378.60

**Remit Currency:** CAD

**CUSTOMER IS RESPONSIBLE FOR ALL SHIPPING DOCUMENTS AND COMPLIANCE WITH ALL UNITED STATES LAWS INCLUDING BUT NOT LIMITED TO U.S. EXPORT LAWS AND REGULATIONS.**

ENTERED OCT 24 2011

**PAID**

OCT 26 2011

009530

All amounts are calculated in domestic currency.

All Item ID/GL/WOs All Rec. Employees All Currencies

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Reject Qty	Book Amt
VendorID\Vendor Name			VC-MET001	Metaux Castle							
PO15094	1		D6101-005P	Each	10/14/2011 10/13/2011		20.0000	\$61.00	0.0000	0	\$1,220.00
CAD	No		7075-T7351	Each	40.0000 DESI02			\$1,220.00	0.0000	0	
			8.25X5.0X2.5								
			74507								
									Total Received Quantity:		20.0000
									Total Qty to Inspect (PO U/M):		0.0000
									Total Reject Quantity:		0.0000
									Total Receipt Value:		\$1,220.00
									Total Balance Due Quantity:		0.0000

**Total Received Quantity:**  
**Total Qty to Inspect (PO U/M):**  
**Total Reject Quantity:**  
**Total Receipt Value:**  
**Total Balance Due Quantity:**

**Castle Metals®**

A. M. Castle &amp; Co.

**PACKING SLIP**

Page 1 of 1

Shipment No: 1018982

Ship From:	Sold To:	Ship To:	Deliver To:
A. M. Castle & Co. (Canada) Inc. MONTREAL 835-SELKIRK AVENUE POINTE CLAIRE, QUEBEC H9R 3S2	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CAN	DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA
Date Shipped	F.O.B.	Freight Terms	Carrier
12-OCT-2011	ORIGIN	Prepaid	LOCAL_FLEET
		BOL No	1018982-5

Shipment Details	Final Destination Branch - MON
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Order No	Line No	Item No	Description
1752672	1	752241.MO	2.5000.PL.7075.T7351.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 8.25 IN ( + .0310/- .0000 IN (GRAIN TO RUN ALONG 5")) X 5 IN ( + .0310/- .0000 IN (GRAIN TO RUN ALONG 5")) - ALUMINUM PLATE SAW SPECIFICATIONS: QQ-A-250/12
Purchase Order No	Part Number	Ordered Qty	Invoice Qty
15094	YOUR ITEM NUMBER: D6101-005	20.00 PCS	20 PCS
Details			
Delivery No.	Mill	Heat Number	Mech Id
98477321		485646A4	PCS 20
		Width (IN)	Length (IN)
			213.31
		Shipped Qty(LBS)	

These commodities/technologies are subject to US Export Administration & US State Dept. Regulations and, if intended for export, were/are exported thereunder. Diversion contrary to US Law is Prohibited.	
We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.	
Reviewed by Authorized Castle Metals Representative:	Date: Name:



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

\*\*\*PO REPRINT\*\*\*

Purchase Order ID PO15094

Purchase Order Date 10/5/2011

PO Print Date 10/6/2011

Page Number 1 of 2

Order From :

VC-MET001

METAUX CASTLE  
A.M. CASTLE & CO. (CANADA) INC. - BOX B9204 PO BOX 9100  
TORONTO, ON M4Y 3A5  
CA

Contact Name

Vendor Phone 514 694 9575

Vendor Fax 514 695 3281

Vendor Account Nbr

Buyer

Brigitte Golden

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req. Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	D6101-005P	7075-T7351 8.25X5.0X2.5	10/14/2011 Yes	40.00 Each	Yours ppd	\$61.0000	\$2,440.00
		Special Inst:	AS PER DWG D6101 REV. B B74507 MATERIAL: 7075-T7351 (QQ-A-250/12) TOLERANCE ON ALL DIMENSIONS ARE +0.030"/-0.000" SIZE: 5.00" X 8.250" X 2.50" THICK GRAIN DIRECTION ALONG 5.00" LENGTH				
2	D6101-007P	7075-T7351 8.25X7.75X2.5	10/14/2011 Yes	20.00 Each	Yours ppd	\$79.2500	\$1,585.00
		Special Inst:	As per DWG: D6101 Rev: B B74781 ALUMINUM BILLET 7.750" X 8.250" X 2.50" THICK TOLERANCE ON ALL DIMS ARE +0.030/-0.000" GRAIN DIRECTION ALONG 7.750" LENGHT				

10/6/2011

SHIP TO: CASTLE % CASTLE AEROSPACE 3050 SOUTH HYDRAULIC WICHITA, KS 67216		<b>KAISER ALUMINUM</b> Trentwood Works - Spokane, WA 99215 Phone: (800) 367-2586 <b>CERTIFIED TEST REPORT</b>				
SOLD TO: CAS AERO%AM CASTLE METALS ATTN: BOB OHR %ACCTS PAYABLES 3400 NORTH WOLF ROAD FRANKLIN PARK, IL 60131						
CUSTOMER PO NUMBER: 15132	WORK PACKAGE:	CUSTOMER PART NUMBER: 6879 AMC A97075-60	SHIP RUN/LOAD ID: 101636/5	GOV'T CONTRACT NUMBER:		
KAISER ORDER NO: 1087324	LINE ITEM: 1	SHIP DATE: 29-SEP-2009	ALLOY: 7075	CLAD: BARE	TEMPER: T7351	PRODUCT DESCRIPTION: Sawed Plate
WEIGHT SHIPPED: 44926 LB	QUANTITY: 25 PCS EST.	B/L NUMBER: 2024216	GAUGE: 2.5000 IN	DIAMETER/WIDTH: 48.500 IN	LENGTH: 144.500 IN	

### Certified Specifications

AMS 4078/RevG  
ASTM B 209/Rev07  
BSS 7055/RevA  
DPS 4.713/RevAH  
GSS16100/RevG/Amd1

AMS-QQ-A-250/12  
ASTM B 594/Rev06  
CMMP 025/RevS  
EAC MS1011/RevE  
MMS 159/RevN

AMS-STD-2154  
BAC 5439/RevH  
CSTI 006/RevC  
GAMPS 9101/RevB  
PS 21211/RevK

Test Code: 4297

### Test Results

Lot: 479610A8 Cast 268 Drop 21 Ingot 2

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T7351	LT / 2 (Min:Max)	70.7 : 71.3 (487 : 492)	59.1 : 59.5 (407 : 410)	11.2 : 11.6

(ASTM E1004)  
(EN 2004-1)  
Conductivity %IACS : 41.6 Min 42.0 Max  
(MS/M) : 24.1 Min 24.4 Max

(ASTM E1251)  
Chemistry: SI FE CU MN MG CR ZN TI V ZR OTHER  
Actual 0.09 0.18 1.6 0.03 2.4 0.20 5.8 0.04 0.01 0.01 TOT 0.05

**KAISER  
ALUMINUM****CERTIFIED TEST REPORT**

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

Serial Number  
4172642

Lot: 479709A8 Cast 268

Drop 10

Ingot 2

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T7351	LT / 2 (Min:Max)	71.5 : 71.9 (493 : 496)	59.8 : 60.2 (412 : 415)	10.7 : 10.8

(ASTM E1004)  
(EN 2004-1)

Conductivity %IACS :	40.8 Min	41.3 Max
(MS/M) :	23.7 Min	24.0 Max

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.10	0.20	1.5	0.04	2.4	0.20	5.6	0.03	0.01	0.01	TOT 0.05

Lot: 479742A9 Cast 271

Drop 09

Ingot 4

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T7351	LT / 2 (Min:Max)	69.4 : 74.8 (479 : 516)	56.4 : 63.9 (389 : 441)	11.1 : 11.7

(ASTM E1004)  
(EN 2004-1)

Conductivity %IACS :	38.3 Min	40.9 Max
(MS/M) :	22.2 Min	23.7 Max

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.10	0.20	1.5	0.04	2.5	0.19	5.6	0.03	0.01	0.02	TOT 0.05



# CERTIFIED TEST REPORT

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

Serial Number  
4172642

Lot: 485604A3 Cast 271 Drop 23 Ingot 2

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T7351	LT / 2 (Min:Max)	71.8 : 72.0 (495 : 496)	59.9 : 60.4 (413 : 416)	10.6 : 10.9

(ASTM E1004)  
(EN 2004-1)

Conductivity %IACS :	41.3 Min	41.3 Max
(MS/M) :	24.0 Min	24.0 Max

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.11	0.21	1.5	0.04	2.5	0.20	5.6	0.04	0.01	0.01	TOT 0.05

Lot: 485622A5 Cast 271 Drop 19 Ingot 2

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T7351	LT / 2 (Min:Max)	70.9 : 71.0 (489 : 490)	59.1 : 59.5 (407 : 410)	11.3 : 11.3

(ASTM E1004)  
(EN 2004-1)

Conductivity %IACS :	40.6 Min	41.9 Max
(MS/M) :	23.5 Min	24.3 Max

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.10	0.21	1.5	0.04	2.4	0.19	5.5	0.04	0.01	0.01	TOT 0.05





# CERTIFIED TEST REPORT

Serial Number  
4172642

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

Lot: 485626A6 Cast 271 Drop 23 Ingot 3

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T7351	LT / 2 (Min:Max)	71.2 : 71.8 (491 : 495)	59.4 : 60.1 (410 : 414)	10.1 : 11.0

(ASTM E1004)  
(EN 2004-1)

Conductivity %IACS :	41.3 Min	41.4 Max
(MS/M) :	24.0 Min	24.0 Max

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.11	0.21	1.5	0.04	2.5	0.20	5.6	0.04	0.01	0.01	TOT 0.05

Lot: 485646A4 Cast 271 Drop 29 Ingot 2

(ASTM E8/B557)  
(EN 2002-1)

Tensile:	Temper	Dir / # Tests	Ultimate KSI (MPA)	Yield KSI (MPA)	Elongation %
	T7351	LT / 2 (Min:Max)	70.9 : 74.0 (489 : 510)	59.4 : 63.4 (410 : 437)	11.3 : 11.7

(ASTM E1004)  
(EN 2004-1)

Conductivity %IACS :	39.1 Min	41.6 Max
(MS/M) :	22.7 Min	24.1 Max

(ASTM E1251)

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER
Actual	0.09	0.18	1.4	0.04	2.4	0.20	5.7	0.03	0.01	0.01	TOT 0.05

## ALLOY LIMITS

Chemistry:	SI	FE	CU	MN	MG	CR	ZN	TI	V	ZR	OTHER	MAX
7075 MIN	0.00	0.00	1.2	0.00	2.1	0.18	5.1	0.00	0.00	0.00	EACH	0.05
MAX	0.40	0.50	2.0	0.30	2.9	0.28	6.1	0.20	0.05	0.05	TOT	0.15

Aluminum Remainder

**KAISER  
ALUMINUM**

Trentwood Works - Spokane, WA 99215  
Phone: (800) 367-2586

**CERTIFIED TEST REPORT**

Serial Number  
4172642

**TEST NOTES**

7075-T7351 plate 3.501-4.000" thick, if  
ultrasonically inspected, meets requirements of CMMPO25 per  
SDR CMMPO25-KaiserT-3. 7075-T7351 plate 4.001-5.000" thick,  
if ultrasonically inspected, meets requirements of CMMPO25  
per  
SDR CMMPO25-KaiserT-2.

Metal represented by this test report was immersion  
ultrasonically tested from one side and meets the Class A  
and Class B requirements of all specifications referenced  
on this test report.

**CERTIFICATION**

KAISER ALUMINUM FABRICATED PRODUCTS, LLC (KAISER) HEREBY CERTIFIES THAT METAL SHIPPED UNDER THIS ORDER WAS MELTED IN THE UNITED STATES OF AMERICA OR A QUALIFYING COUNTRY PER DFARS 225.872-11(a), WAS MANUFACTURED IN THE UNITED STATES OF AMERICA, AND MEETS THE REQUIREMENTS OF DFARS 252.225 FOR DOMESTIC CONTENT. THIS MATERIAL HAS BEEN INSPECTED, TESTED, AND FOUND IN CONFORMANCE WITH THE REQUIREMENTS OF THE APPLICABLE SPECIFICATIONS AS INDICATED HEREIN. ALL METAL WHICH IS SOLUTION HEAT TREATED COMPLIES WITH AMS 2772. ANY WARRANTY IS LIMITED TO THAT SHOWN ON KAISER'S STANDARD GENERAL TERMS AND CONDITIONS OF SALE. TEST REPORTS SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF KAISER ALUMINUM FABRICATED PRODUCTS, LLC LABORATORY. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW. ISO-9001:2000 CERTIFIED.

**BILL POYNOR, LABORATORIES SUPERVISOR**

